Exova Warringtonfire Aus Pty Ltd
Unit 2, 409-411 Hammond Road
Dandenong, Victoria 3175
Australia

Postal Address:
PO Box 4282
Dandenong South, Victoria 3164
Australia

T: +61 (0)3 9767 1000
F: +61 (0)3 9767 1001
W: www.exova.com

EWFA Test Report No.	26651-00.1	Page 1 of 2

Report Sponsor	Issue Date
PalmEco Tech Australia Pty Ltd 4/77 Connells Point Road South Hurstville NSW 2221	28th February 2012

Test in accordance with AS ISO 9239.1 - 2003

Objective
To determine the performance of the material samples as described in this report when subjected to the test conditions stated in the test standard referenced below.

Product	PalmEco Fire Board.

Test Reference	Reference Date
EWFA 2665100	21st February 2012

Test Method	Supplementary Standards
AS ISO 9239.1 - 2003 Reaction to fire tests for floorings Part 1: Determination of the burning behaviour using a radiant heat source	BSEN 13238-2001

Product Description

The specimens tested consisted of 1050mm long by 230mm wide by 12mm thick sections of PalmEco Fire Board, nominally comprised of Magnesium Oxide, Palm Fibre, Magnesium Chloride and Perlite. These test specimens were supplied for testing by the sponsor of this test and arrived at the testing laboratory on December 5th 2011, the test was conducted on 16th February 2012. The material had a nominal density of 954.9 kg/m^3. EWA personnel were not involved with the selection or preparation of these test specimens. Prior to conducting these tests each specimen was conditioned in accordance with BSEN 13238-2001 at a temperature of 23 +/- 2 deg C and relative humidity of 50 +/- 5% for a continuous period of more than 48 hours. The specimens had no directional properties and so only three specimens were tested.

TESTING AUTHORITY	Exova Warringtonfire Aus Pty Ltd	
Address	PO Box 4282 DANDENONG SOUTH VIC 3164 Unit 2, 409-411 Hammond Road DANDENONG VIC 3175	
Phone / Fax	61 (0)3 9767 1000 / 61 (0)3 9767 1001	
ABN	81 050 241 524	
Email / Home Page	www.exova.com	
Authorisation	Prepared By:	Reviewed By:
	J. D. Richardson.	P.F. Motteram

Test Results

CHF (Critical Heat flux / Critical Radiant Flux)

	1	2	3	Mean	
Non Directional	> or equal to 11	> or equal to 11	> or equal to 11	> or equal to 11	kW m^{-2}

Smoke Value

	1	2	3	Mean	
Non directional	4	4	4	4	% min

Comments

The material had no directional properties, three specimens were tested only. Each specimen was clamped as supplied by the client prior to testing.

Conditions/Validity

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These tests have been conducted in accordance with the standard referenced above and this report should be read in conjunction with that standard.

This test report does not provide an endorsement by Exova Warringtonfire Aus Pty Ltd of the performance of the actual products supplied. The tests were performed at AWTA laboratories under the technical control of Exova Warringtonfire Aus Pty Ltd. The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

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